BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

ame of work:Improvements of Asphalting At 8th And Others Roads Santhoshnagara in Mallasandra Ward No 13 Shettyhalli Sub Division

B NUMBER.:						SI-2	Est. Amount =	20.00	Lakhs
		Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	KSRRB 300-49. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications. MORTH / Chapter 3								
	8th Cross Santhosh nagara	Sqm	1	278.00	5.50		1529.00		
						Total Qty	1529.00	60.40	92351.60
	KSRRB M300-14. Excavation for roadwork in all types of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers,trimming bottom and side slopes, in accordance with requirements of lines,grades and cross sections, and transporting to the embankment locationto a lead of 1.00 km and complete as per specifications. MORTH Specification No.301 (Page No-143 Item no - 19.14 of KPWD SR 2016-17)..								
	8th Cross Santhosh nagara	Cum	1	278.00	5.50	0.30	458.70		
						Total Qty	458.70	132.76	60897.01
3	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3								
	8th Cross Santhosh nagara	Sqm	1	278.00	5.50		1529.00		
						Total Qty	1529.00	5.30	8103.70
4	KSRRB 300-67. Extra for rolling lo specification with power roller when earth is at suitable moisture content with desired field density not less than 95% of maximum dry density (ordinary proctor test) including HOM ofmachineries complete as per specifications. MORTH / Chapter 3 (Page No-150 Item no - 19.75 of KPWD SR 2016-17).								
	8th Cross Santhosh nagara	Cum	1	278.00	5.50	0.30	458.70		
						Total Qty	458.70	8.48	3889.78
5	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap I basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve thedesired density complete as per specifications. MORTH Specification No. 406 (Page No-158 Item no - 20.18 of KPWD SR 2016-17).								
	8th Cross Santhosh nagara	Cum	1	278.00	5.50	0.25	382.25		
						Total Qty	382.25	1768.08	675848.58
6	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg I sqm using mechanical means complete as per specifications.MORTH Specification No. 502 (Page No-161 Item no - 21.6 of KPWD SR 2016-17).								

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		Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	8th Cross Santhosh nagara	Sqm	1	278.00	5.50		1529.00		
						Total Qty	1529.00	27.56	42139.24
	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mixformula for base / binding course including loading of aggregates withF.E. loader, hot mixing of stone aggregates and bitumen in hot mixplant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer/ tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications.(Page No-162 Item no - 21.11.6 of KPWD SR 2016-17).								
	8th Cross Santhosh nagara	Cum	1	278.00	5.50	0.05	76.45		
						Total Qty	76.45	5237.46	400403.82
	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501 (Page No-161 Item no - 21.2 of KPWD SR 2016-17).								
	8th Cross Santhosh nagara	Sqm	1	278.00	5.50		1529.00		
						Total Qty	1529.00	3.18	4862.22
9	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VGIO) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH (Page No-161 Item no - 21.7 of KPWD SR 2016-17).								
	8th Cross Santhosh nagara	Sqm	1	278.00	5.50		1529.00		
						Total Qty	1529.00	11.66	17828.14
10	KSRRB M500-19. Providing and laying bituminous concrete with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site,laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achievethe desired compaction as per MORTH specification clause No. 500.9complete in all respects complete as per specifications.MOFtTH Specification No. 509 (Page No-165 Item no - 21.22.6 of KPWD SR 2016-17).								
	8th Cross Santhosh nagara	Cum	1	278.00	5.50	0.04	61.16		
						Total Qty	61.16	7270.54	444666.23
11	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface - Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sq.m. area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC :35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. (Page No,-185, I.No.-24.15 of KPWD S.R 2016-17).								
	8th Cross Santhosh nagara	Sqm	2	278.00	0.15		83.40		
						Total Qty	83.40	542.72	45262.85
								Total Constrution cost	17,96,253.16
								KRDL Charges 11%	1,97,587.85

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	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
							Sub Total	19,93,841.01
							Miscellaneous & Rounding Off	6,158.99
							Grand Total	20,00,000.00

Certificate:-

1. The workspot was inspected and work is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.
3. The rates adopted based on the PWD SR Bangalore Circle for year 2016-17
4. The provisions made in the estimate are necessary and essential.

Assistant Engineer
Ward No.13
BBMP - Bangalore

Assistant Executive Engineer
Shettyhalli Sub - Division
BBMP - Bangalore

Executive Engineer
Dasarahalli
BBMP - Bangalore

ಸಂ. EE/DD/AS/01 18-19 ದಿನಾಂಕ: 30/6/18

ರೂ. Twenty lakhs only (20.00)

ಅಷ್ಟಾದ ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ಸಂ. EE/DD/TS/01 18-19 ದಿನಾಂಕ: 30/6/18

ರೂ. Twenty lakhs (20.00)

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

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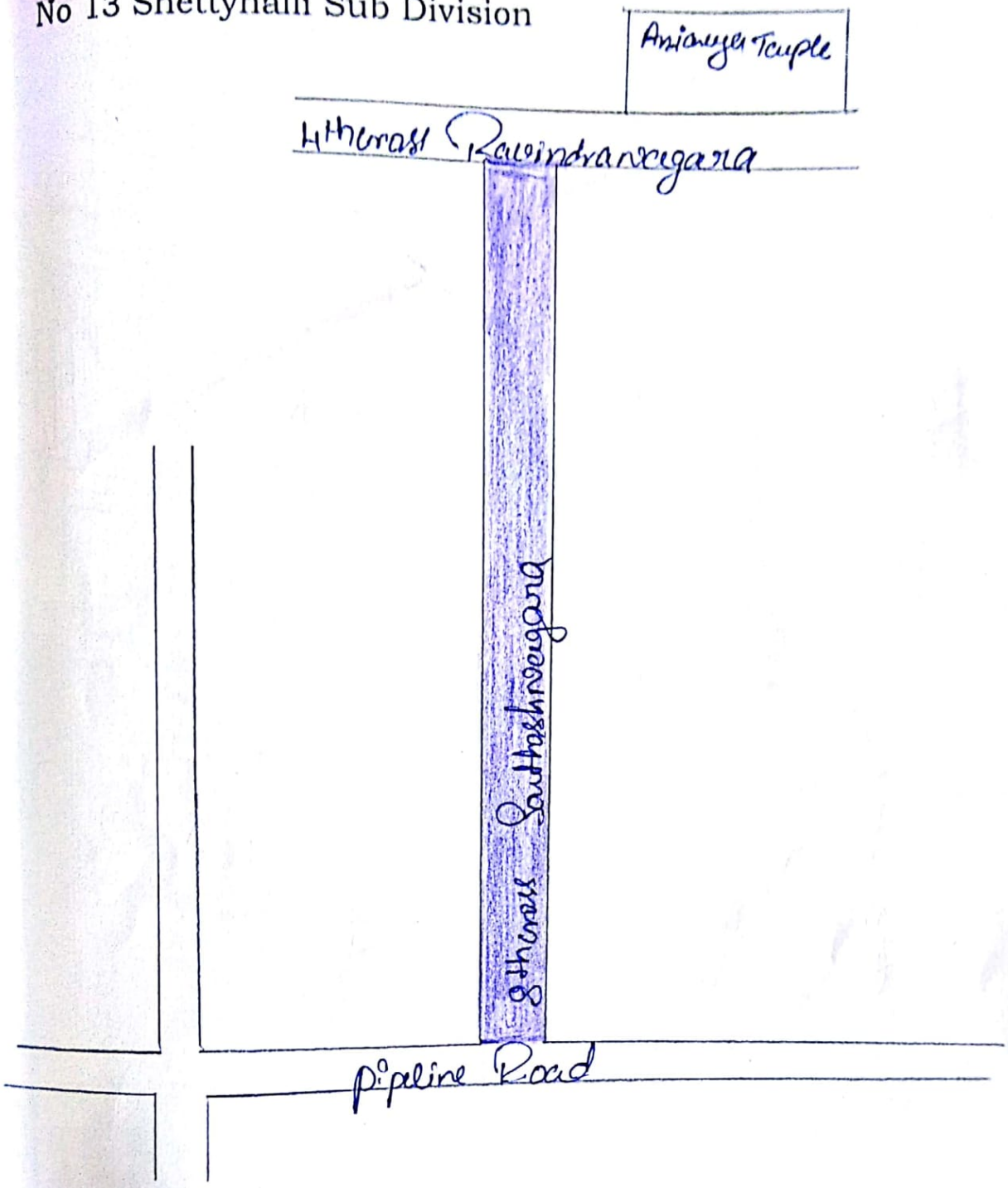
Name of Work: Improvements Of Asphalting at 8th Cross And Other Roads Santhoshanagara In Mallasandra Ward No 13 Shettyhalli Sub Division



ASST ENGINEER
Ward No.13

ASST EXECUTIVE ENGINEER
Shettyhalli Sub-Division ,

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